

INFORMATION REPORT

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COUNTRY China

SUBJECT Purchase of Radar Sets in Hong Kong

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1. In mid-October 1950, the Feng Chi (豐 記) Company* of Hong Kong received from an unidentified source fifteen new radar sets.** The firm purchased the radars for an unidentified Chinese Communist customer, who in mid November was attempting to send them to Canton by way of Macao.

2. The manager of the Feng Chi Company is an unidentified Australian, about forty years old.

3. The radar sets are valued at approximately US \$15,000. Specifications were given as follows:

Raytheon Type SO-8, Surface Search Radar

Trade Mark — Raytheon; Navy Model, SO-8, 40 mile radius, made in U.S.A.

Quality — New with original packing.

Quantity — Fifteen; spot Hong Kong; 1951 model, complete with catalogue and all other details.

Price — HK \$92,000 net; HK \$5,000 deposit before inspection.

Packing List

Case No. 1. — Radar Transmitter-Receiver. Size 26" x 26" x 18".

Main Components: Magnetron, duplexing gravity, crystal mixing assembly, blower receiver local oscillator, receiver, video limiter, waveguide boot.

Case No. 2. — Plan Position Indicator and Assessory Control Unit, with Mounting Brackets. Size 30" x 26" x 26".

Main Components: 5-in. PPI tube, synchomotor and gears, spare wave multiplier, sweep generator and amplifier, marker oscillator, marker amplifier and sharpeners, video amplifier, antenna control circuits, and ship's heading flasher, linear saw-tooth generator and pick off diode, 400-cycle voltage indicator, trigger amplifier and blocking oscillator TRF circuits.

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Case No. 3. - Rectifier Power Unit. Size 15" x 25" x 15".

Case No. 4. - Motor-Alternator-Modulator. Size 27" x 58" x 24".

Main Components: Ship's main DC drive motor, 400-cycle alternator, DC excitor, spark gap, modulator, charging transformer, rectifier, pulse line, thyrite control, voltage regulator, speed regulator, and air filter.

Case No. 5. - Magnetic Controller. Size 17" x 17" x 15".

Main Components: Starter holding coil, overload relay, accelerating relay, thermally controlled switch, and starting resistance.

Case No. 6. - Antenna Assembly. Size 41" x 41" x 44".

Main Components: R.F. rotating assembly, aluminum reflector, nozzle, drive motor and gears, and synchro-generator and gears.

Case No. 7. - Bearing Control Unit and Resonance Chamber. Size 19" x 37" x 19".

Main Components: Torque motor, step motor, and autosyn.

25X1A * Comment: This firm is not listed in available Hong Kong Directories.

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